

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061720\
 Data File : BN010947.D
 Acq On : 17 Jun 2020 18:59
 Operator : CG/JU
 Sample : L3011-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20200612

Quant Time: Jun 17 19:31:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

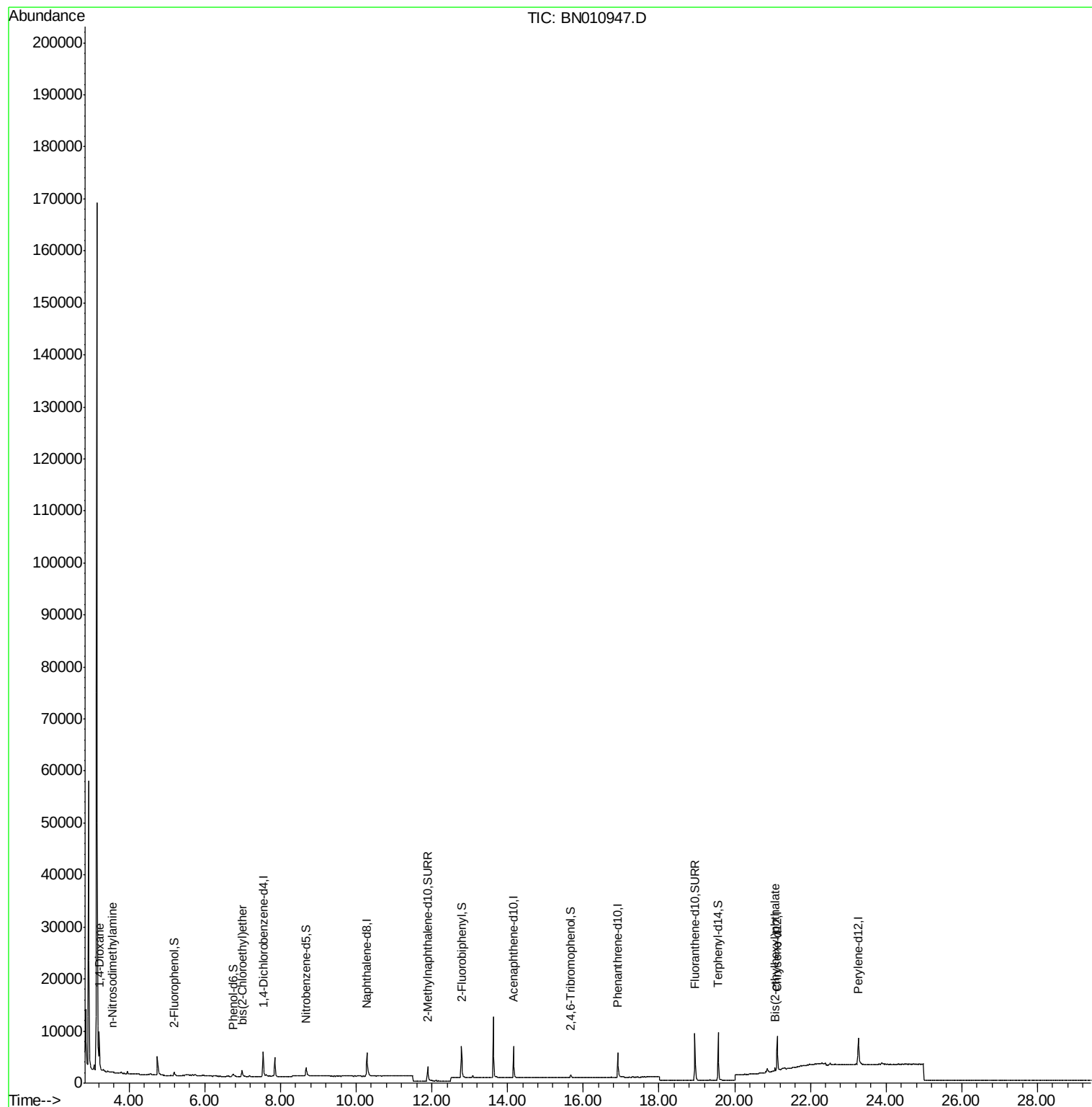
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2472	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7233	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	3994	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	8064	0.40	ng	0.00
27) Chrysene-d12	21.12	240	7205	0.40	ng	0.00
34) Perylene-d12	23.27	264	7460	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	614	0.13	ng	0.00
5) Phenol-d6	6.74	99	437	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	2082	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4684	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	476	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	6151	0.39	ng	0.00
25) Fluoranthene-d10	18.95	212	11581	0.52	ng	0.00
29) Terphenyl-d14	19.57	244	10124	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	5067	2.093	ng	97
3) n-Nitrosodimethylamine	3.56	42	29	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	6.99	93	1294	0.236	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	719	0.102	ng	# 90

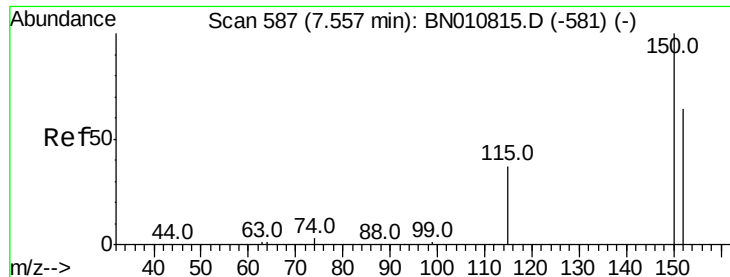
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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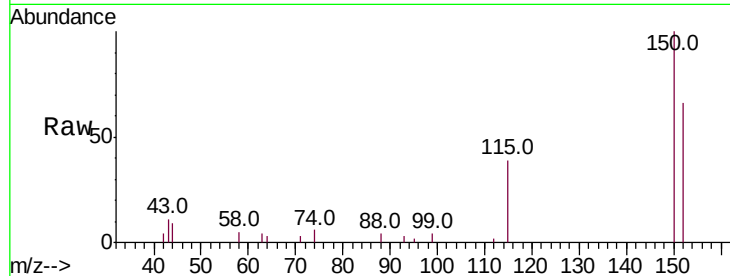


#1

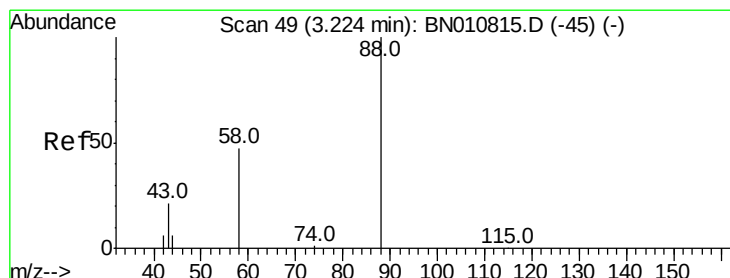
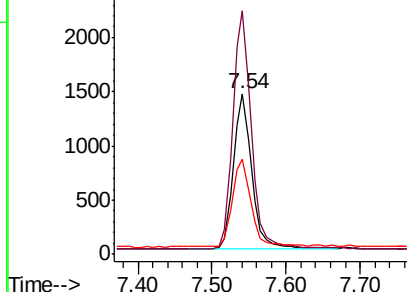
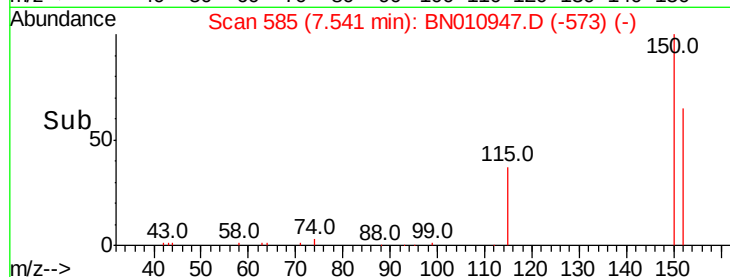
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Instrument :
BNA_N
ClientSampleId :
RE104D2-20200612

Tot Ion:152 Resp: 2472
Ion Ratio Lower Upper
152 100
150 151.3 123.8 185.6
115 58.9 49.2 73.8



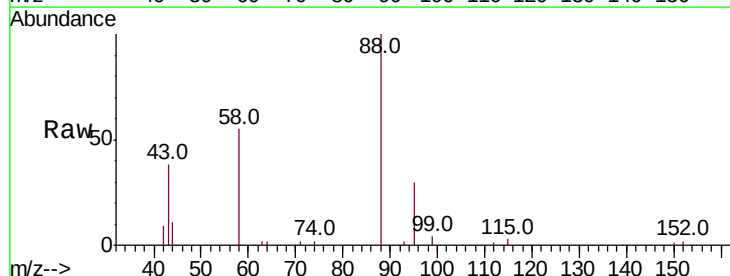
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



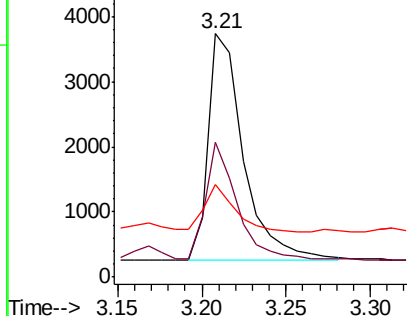
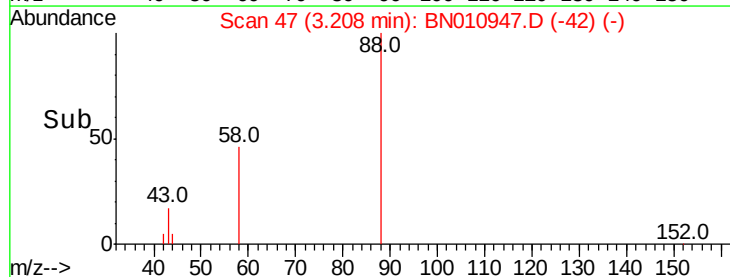
#2

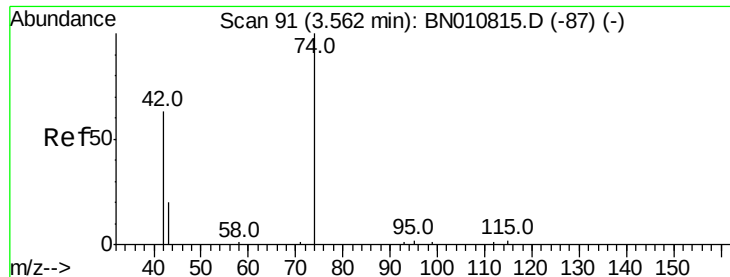
1,4-Dioxane
Concen: 2.093 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Tgt Ion: 88 Resp: 5067
Ion Ratio Lower Upper
88 100
58 45.0 38.2 57.4
43 18.3 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



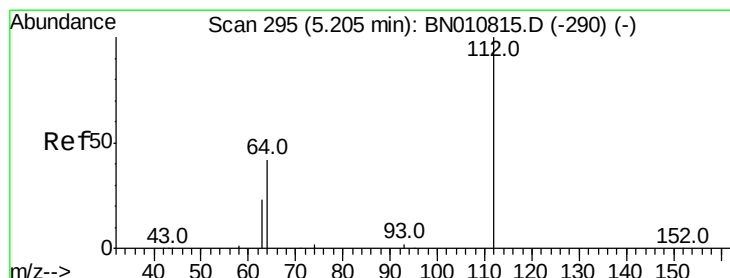
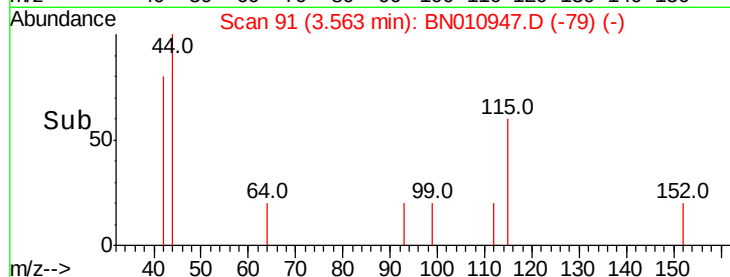
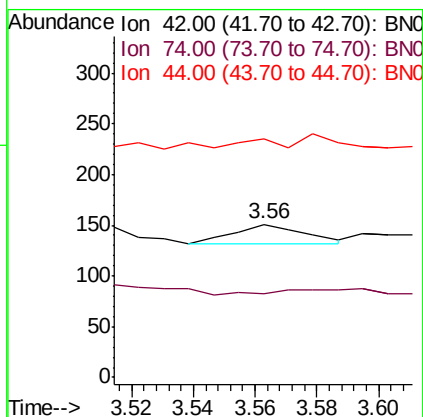
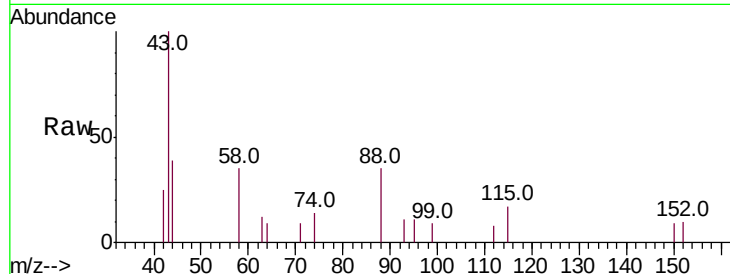


#3

n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BN010947.D
 Acq: 17 Jun 2020 18:59

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20200612

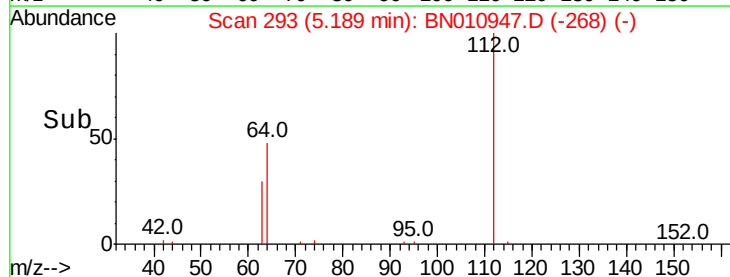
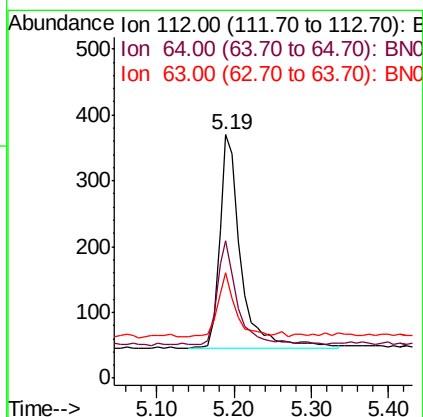
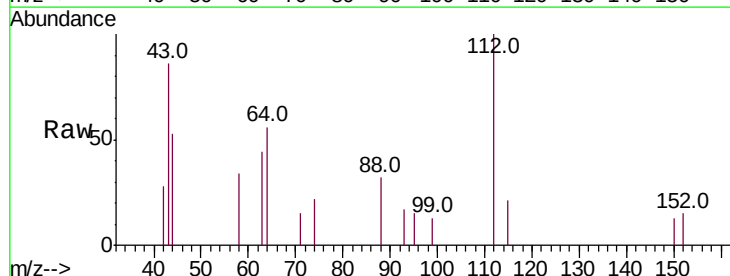
Tot Ion: 42 Resp: 29
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 0.0 1.4 2.2#

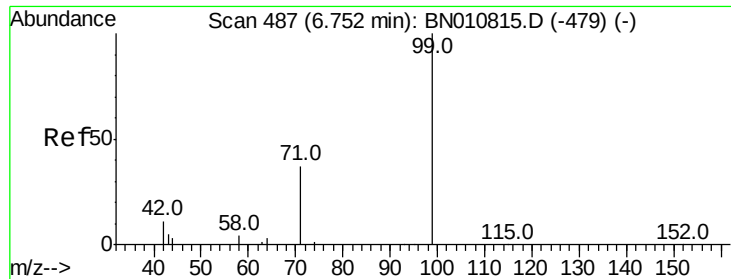


#4

2-Fluorophenol
 Concen: 0.129 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BN010947.D
 Acq: 17 Jun 2020 18:59

Tgt Ion: 112 Resp: 614
 Ion Ratio Lower Upper
 112 100
 64 45.0 37.4 56.0
 63 25.2 22.2 33.4





#5

Phenol-d6

Concen: 0.078 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

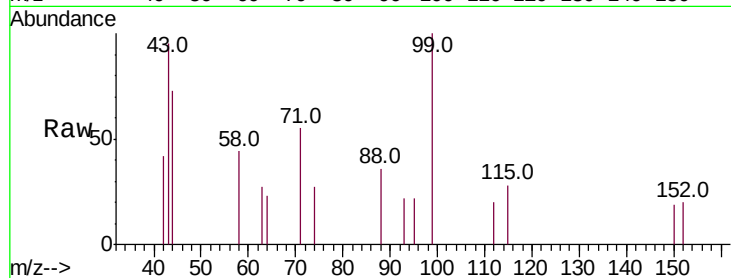
Tot Ion: 99 Resp: 437

Ion Ratio Lower Upper

99 100

42 22.7 11.1 16.7#

71 42.3 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

6.74

300

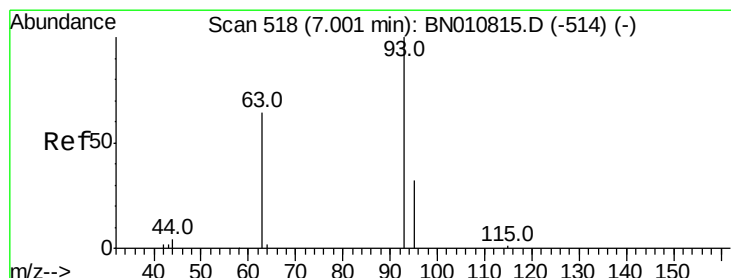
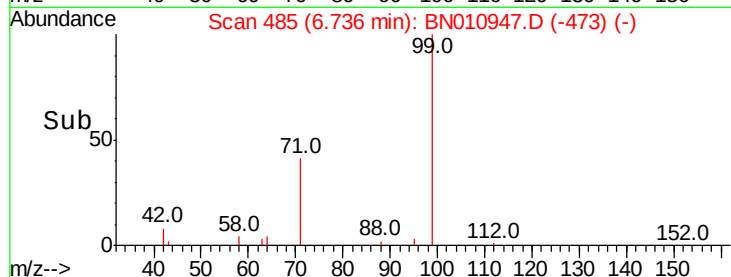
200

100

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.236 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

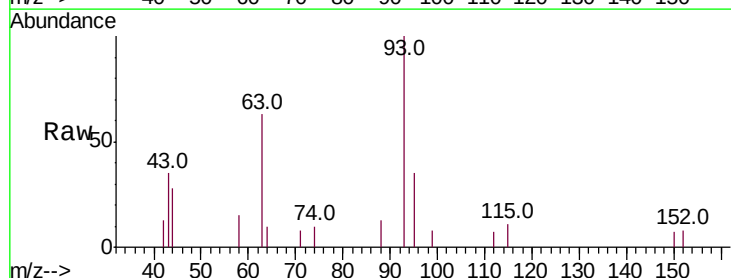
Tgt Ion: 93 Resp: 1294

Ion Ratio Lower Upper

93 100

63 63.1 49.4 74.2

95 30.1 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

6.99

800

600

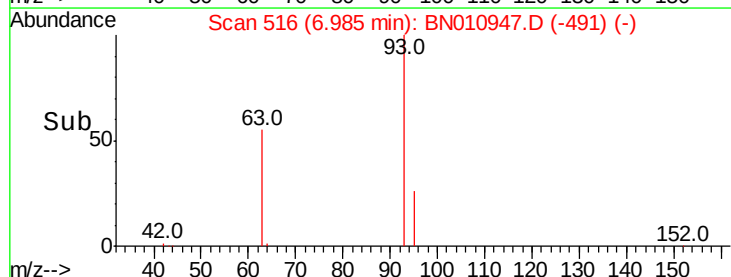
400

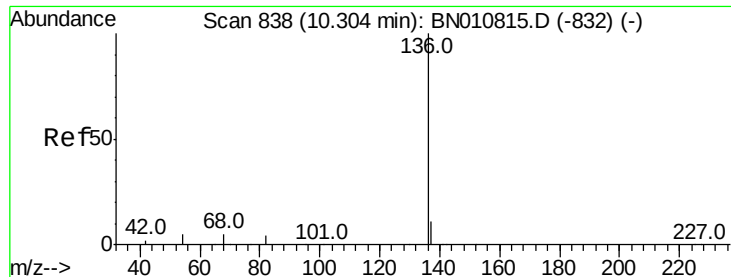
200

0

6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

Tot Ion:136 Resp: 7233

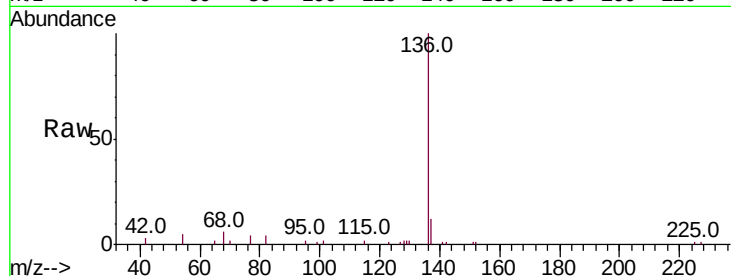
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 4.9 4.9 7.3

68 5.6 4.7 7.1

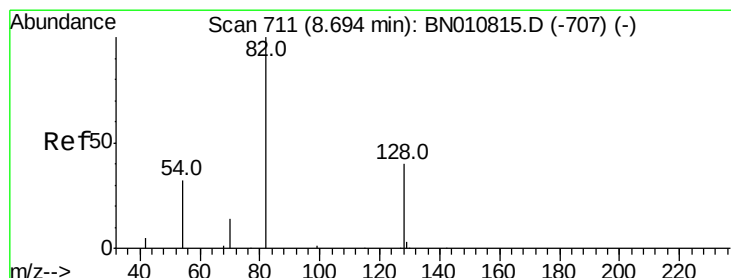
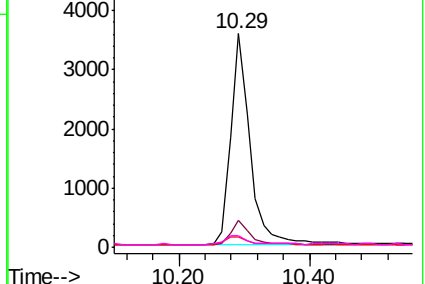
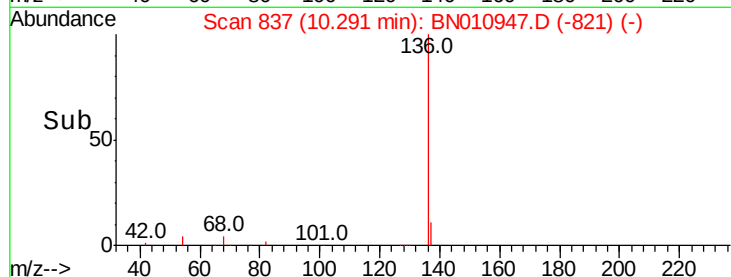


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.389 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

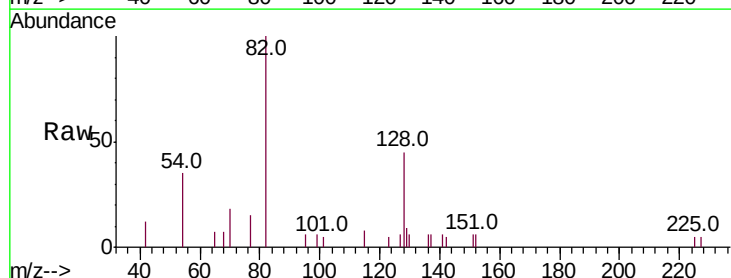
Tgt Ion: 82 Resp: 2082

Ion Ratio Lower Upper

82 100

128 44.9 35.4 53.0

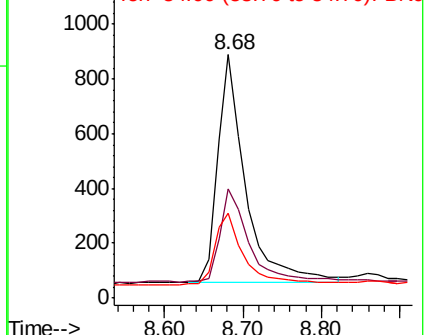
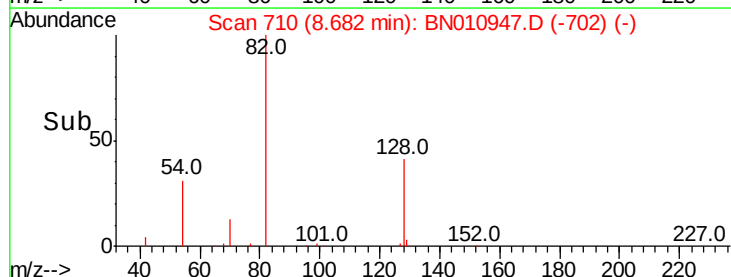
54 34.6 28.2 42.4

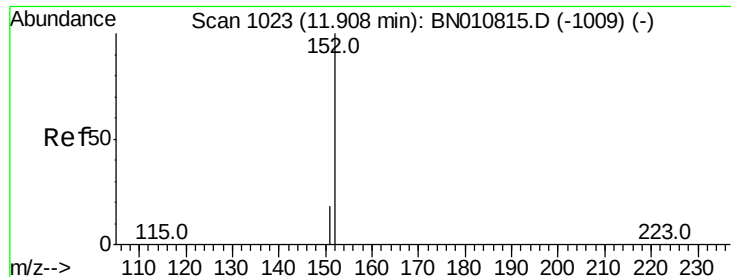


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

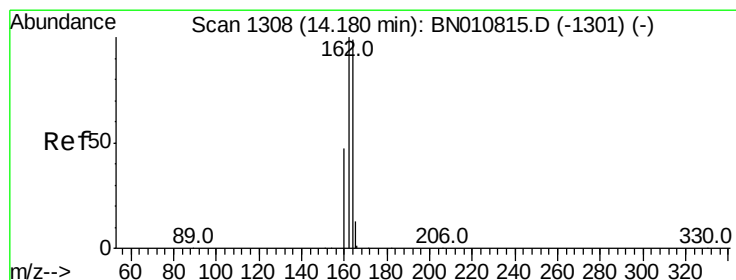
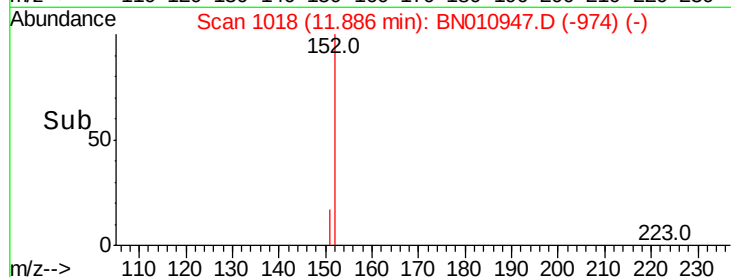
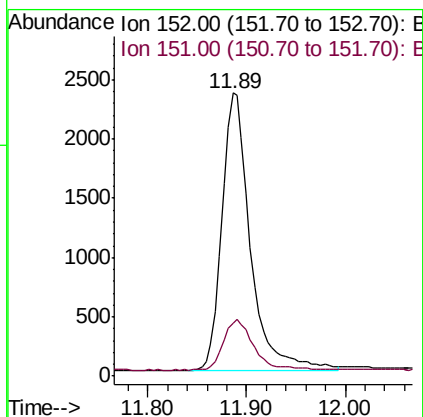
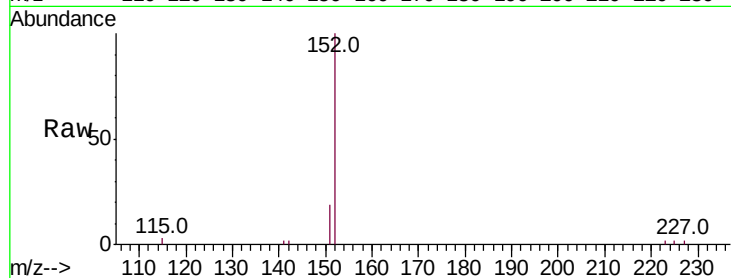




#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

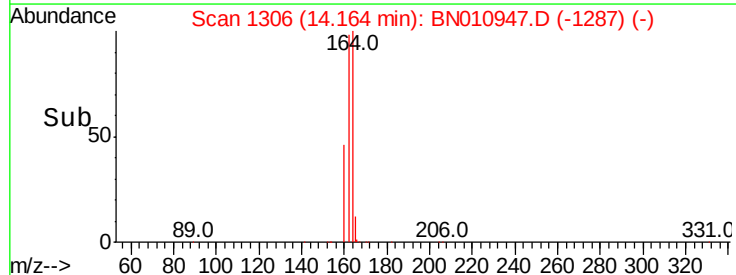
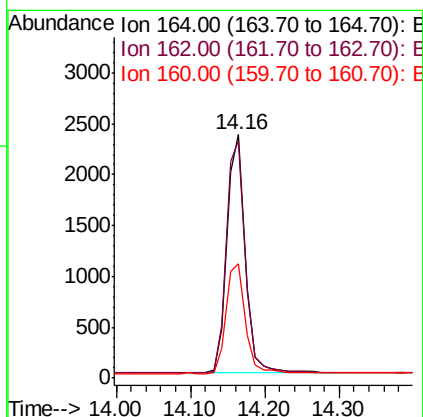
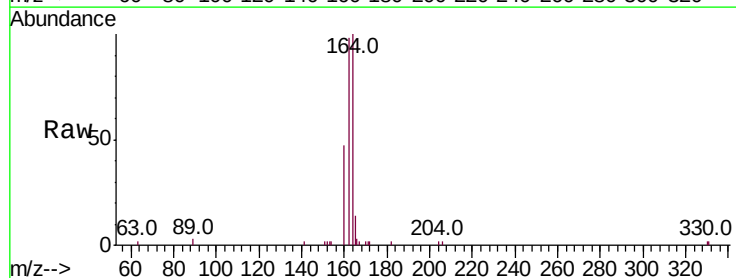
Instrument :
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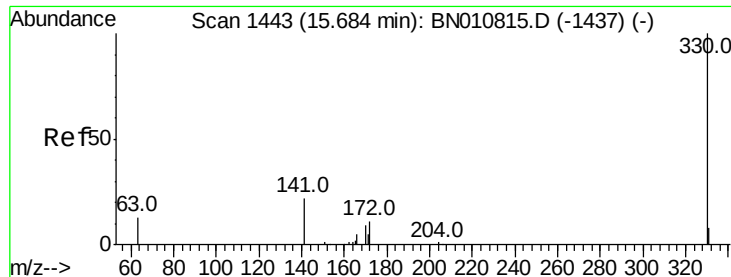
Tot Ion:152 Resp: 4684
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Tgt Ion:164 Resp: 3994
Ion Ratio Lower Upper
164 100
162 97.6 81.0 121.6
160 47.1 38.9 58.3

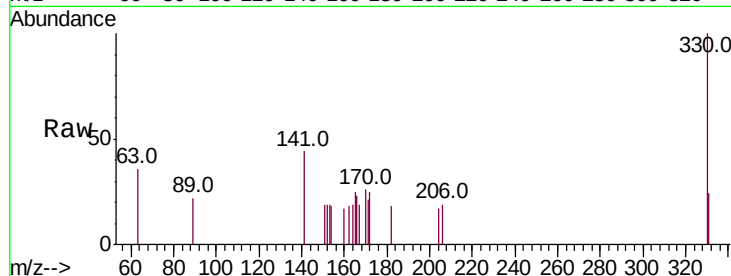




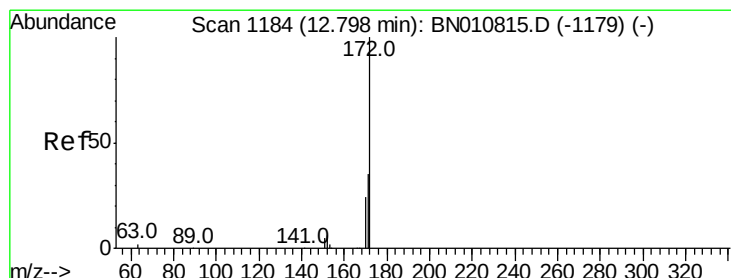
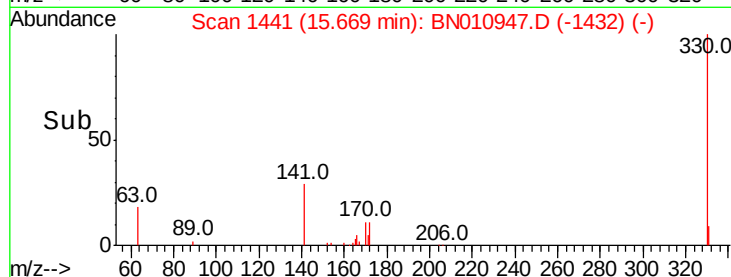
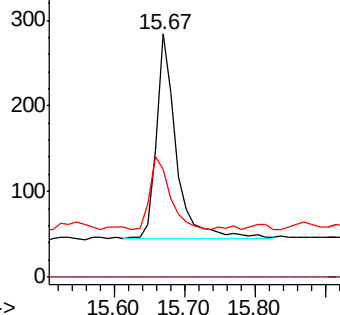
#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.67 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Instrument :
BNA_N
ClientSampleId :
RE104D2-20200612

Tot Ion:330 Resp: 476
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.9 33.2 49.8

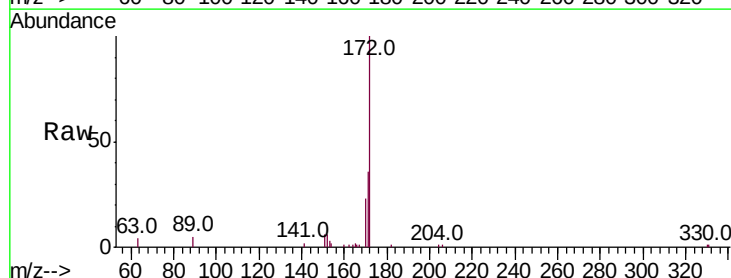


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

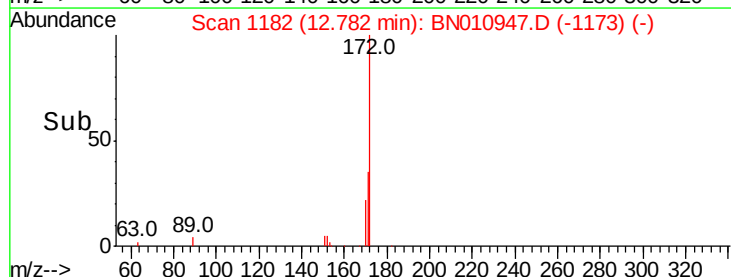
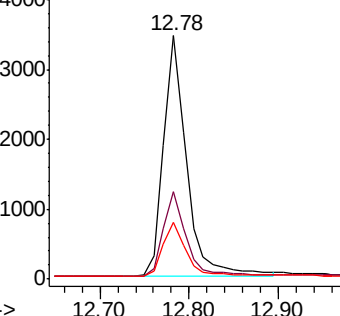


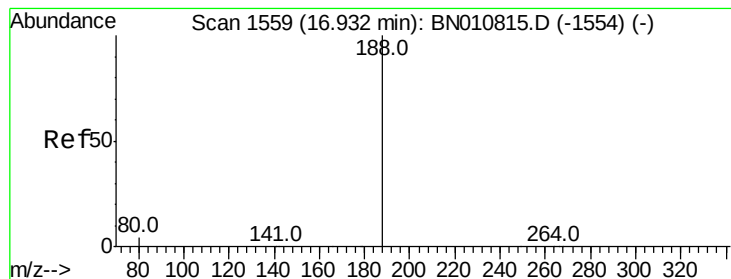
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Tgt Ion:172 Resp: 6151
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

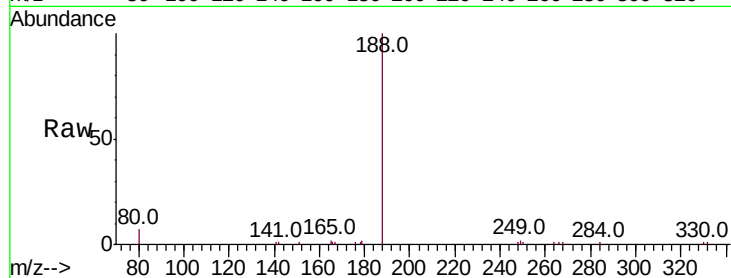
Tot Ion:188 Resp: 8064

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

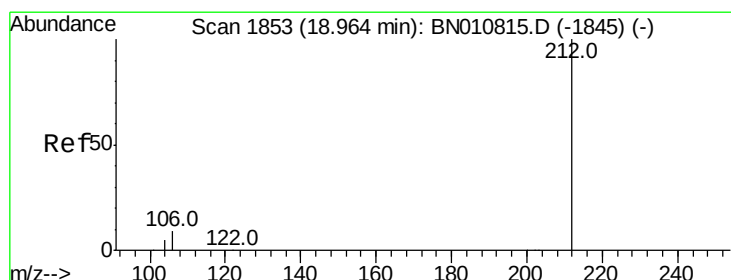
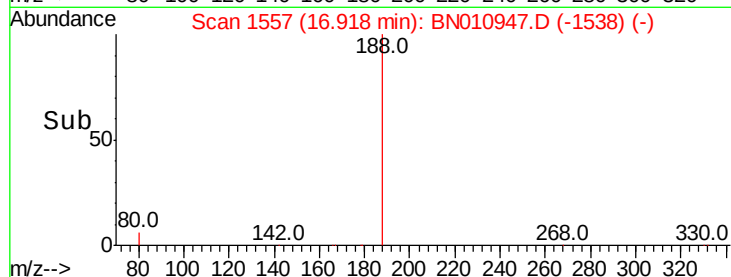
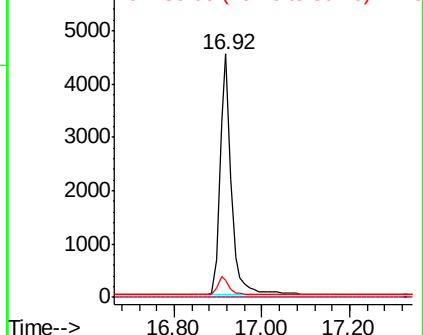
80 7.1 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.520 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

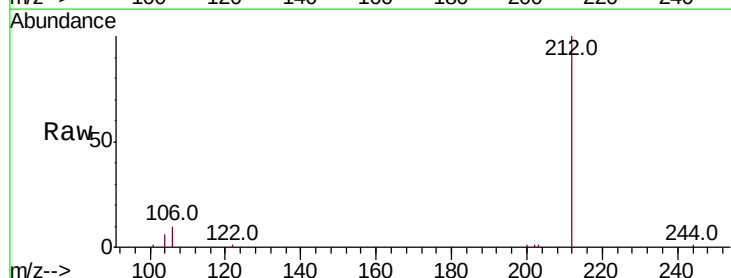
Tgt Ion:212 Resp: 11581

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

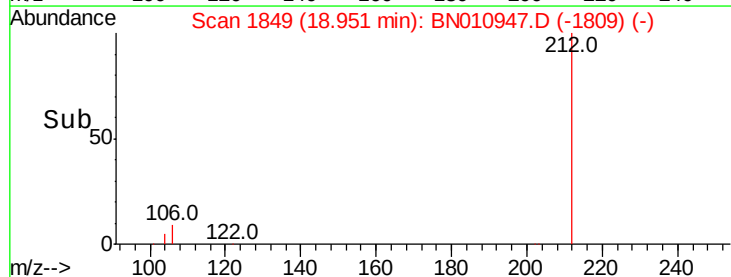
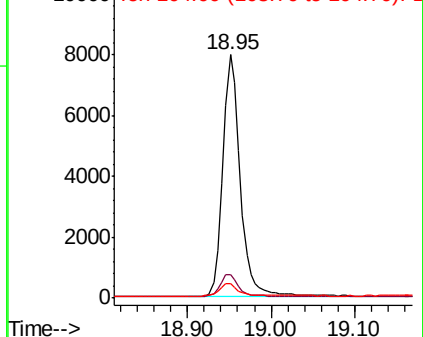
104 5.4 4.0 6.0

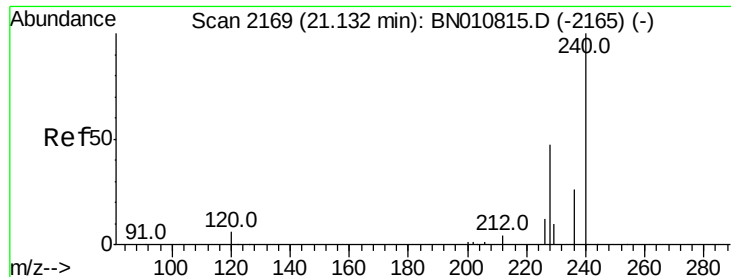


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

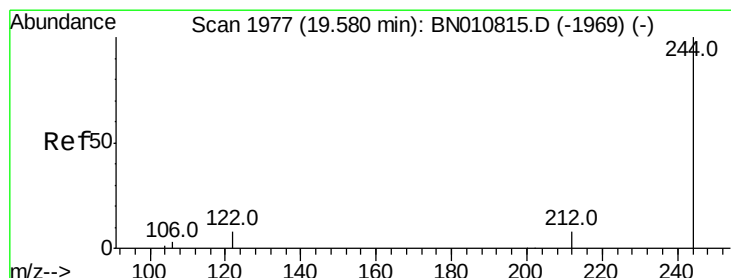
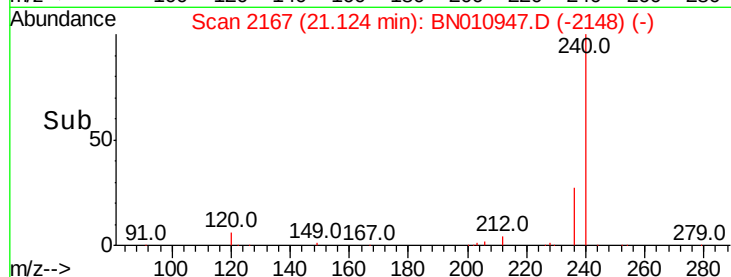
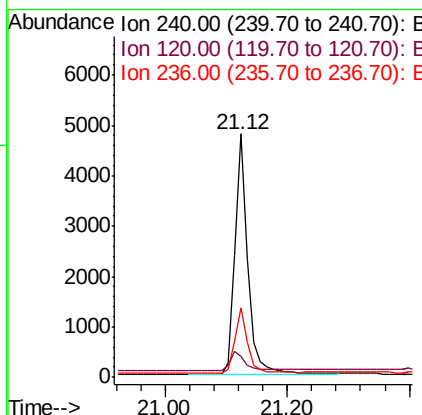
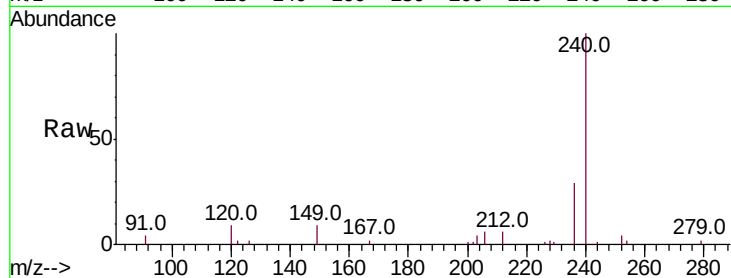




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

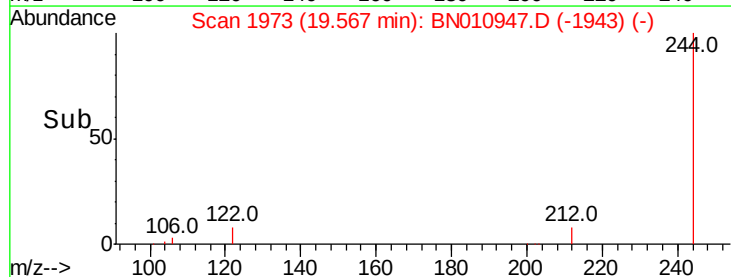
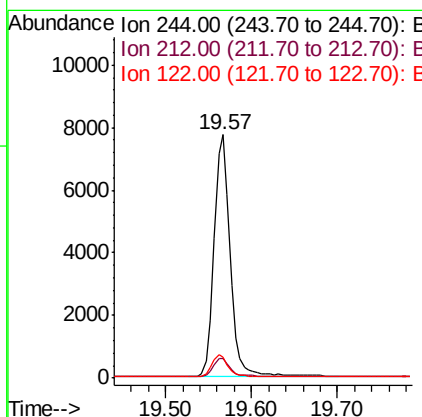
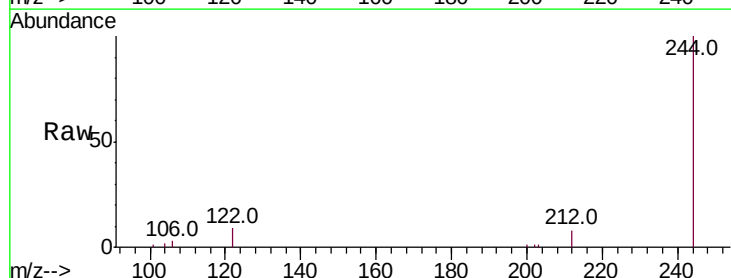
Instrument :
BNA_N
ClientSampleId :
RE104D2-20200612

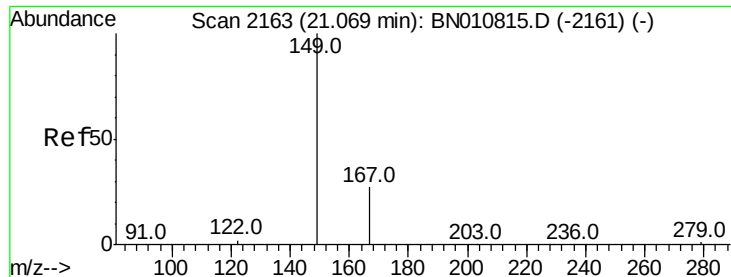
Tot Ion:240 Resp: 7205
Ion Ratio Lower Upper
240 100
120 8.6 7.5 11.3
236 28.6 22.3 33.5



#29
Terphenyl-d14
Concen: 0.600 ng
RT: 19.57 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Tgt Ion:244 Resp: 10124
Ion Ratio Lower Upper
244 100
212 8.3 7.4 11.2
122 8.7 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.102 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

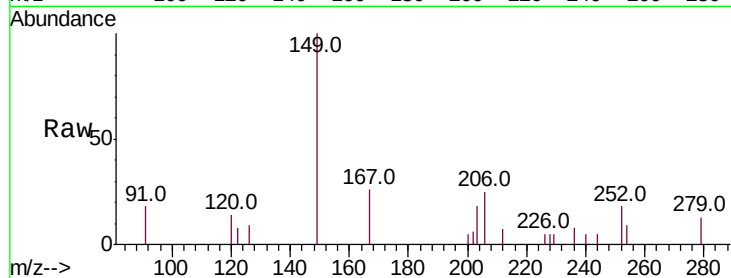
Tot Ion:149 Resp: 719

Ion Ratio Lower Upper

149 100

167 23.5 24.1 36.1#

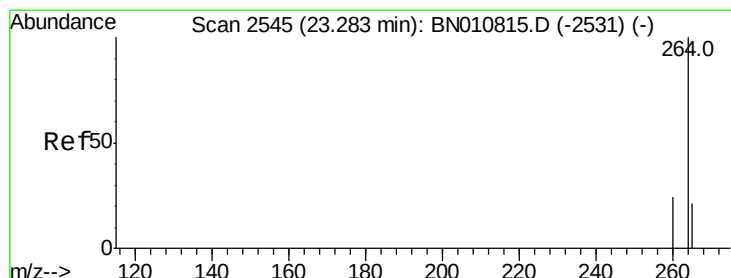
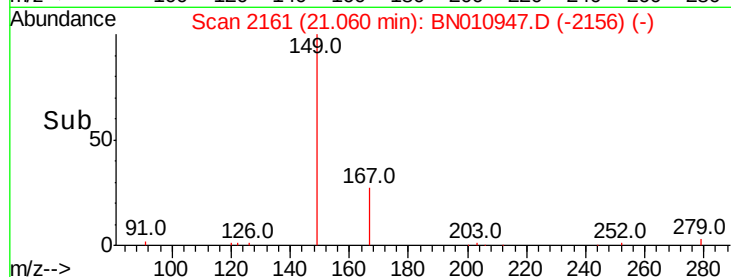
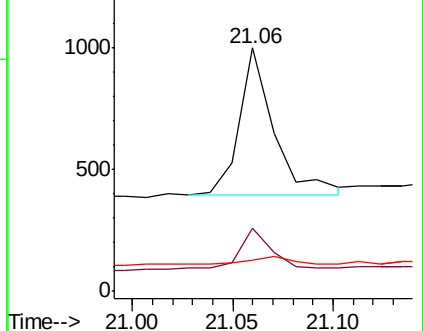
279 5.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

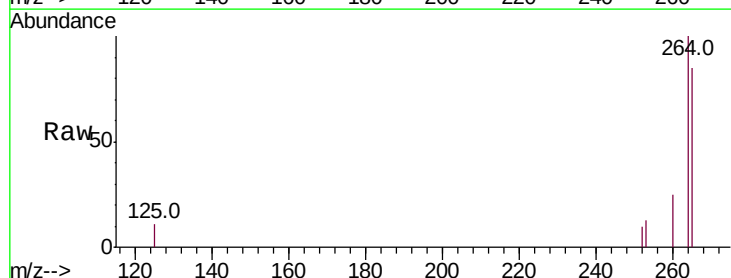
Tgt Ion:264 Resp: 7460

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 84.6 75.0 112.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

